PDR RID Report

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Document GDAAC-CSMS-Unlocking Threads

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RID ID PDR 263
Review CSMS
Originator Ref CSMS
Priority 2 Requirements

Section 6.3.7.1 **Page** 6-37 **Figure Table** NA

Category Name Design-CSS **Actionee** HAIS

Sub Category

Subject Unlock Threads on Failure of Blocking Threads

Description of Problem or Suggestion:

C-CSS-26080 specifies the requirement for blocking threads when synchronizing objects are locked. There should be a corresponding requirement to unlock the synchronizing object when the thread fails (cf. C-CSS-26070).

Originator's Recommendation

Add requirement as above.

GSFC Response by: **GSFC Response Date**

HAIS Response by: Forman **HAIS Schedule** 2/28/95

HAIS R. E. N. Hota **HAIS Response Date** 2/28/95

A new requirement (C-CSS-26065) has been added stating that "The CSS Thread Service shall provide an API to release locks associated with resources".

Note: The CSS Thread service only provides an API for the application programmers to release the locks. It is the respnsibility of the application programmer to catch any exceptions that are raised with in the thread and release the locks explicitly and exit from the thread gracefully.

Status **Closed** **Date Closed** **4/12/95** **Sponsor** **Broder**

****** **Attachment if any** ******